

Title (en)  
DISPOSABLE DIAPER

Title (de)  
WEGWERFWINDEL

Title (fr)  
COUCHE JETABLE

Publication  
**EP 1990034 A1 20081112 (EN)**

Application  
**EP 07714444 A 20070219**

Priority  
• JP 2007052918 W 20070219  
• JP 2006054024 A 20060228  
• JP 2006058705 A 20060303

Abstract (en)  
The present invention aims to provide a disposable diaper includes so that a sweat-absorbent sheet attached to the inner side of the diaper can maintain its sweat absorbing function during use of the diaper. The inner side of front or rear waist region constituting the disposable diaper (1) is covered with a hydrophobic sheet (47) and the sweat-absorbent sheet (51) is bonded to the inner surface of the hydrophobic sheet (47). As viewed in vertical direction of the diaper 1, the hydrophobic sheet (47) has a first sealing-free zone (56) extending, inclusive of a first lower edge (47), in a circumferential direction so as to be left free from the inner side of the diaper (1) and a first sealing zone(54) extending above the first sealing-free zone (56) and bonded to the inner side of the diaper (1). The sweat-absorbent sheet (51) has a second lower edge (50) extending in the circumferential direction above the first lower edge (47a) of the hydrophobic sheet (47), a second sealing-free zone (62) extending, inclusive of the second lower edge (50a), in the circumferential direction so as to be left free from the hydrophobic sheet (47) and a second sealing zone (61) extending above the second sealing-free zone (62) and bonded to the hydrophobic sheet (47). A lower end of the first sealing zone (54) is provided so as to lie below a lower end of the second sealing zone (61).

IPC 8 full level  
**A61F 13/496** (2006.01); **A61F 13/15** (2006.01); **A61F 13/49** (2006.01); **A61F 13/494** (2006.01); **A61F 13/84** (2006.01)

CPC (source: EP KR US)  
**A61F 13/49466** (2013.01 - EP KR US); **A61F 13/84** (2013.01 - EP KR US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2007203468 A1 20070830**; **US 7806885 B2 20101005**; CN 101389300 A 20090318; CN 101389300 B 20120711; EP 1990034 A1 20081112; EP 1990034 A4 20110713; JP 2007259874 A 20071011; JP 4818757 B2 20111116; KR 101208762 B1 20121205; KR 20080099240 A 20081112; MX 2008011066 A 20080910; MY 145407 A 20120215; WO 2007099795 A1 20070907

DOCDB simple family (application)  
**US 62646307 A 20070124**; CN 200780006118 A 20070219; EP 07714444 A 20070219; JP 2006058705 A 20060303; JP 2007052918 W 20070219; KR 20087016951 A 20070219; MX 2008011066 A 20070219; MY PI20082977 A 20080806